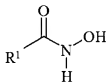


CLAIMS LISTING

1. (previously presented) An ink-jet recording material comprising a support and at least one ink-receiving layer containing at least one non-polymeric compound according to formula (I):



formula (I)

wherein,

R¹ is selected from the group consisting of -CR²R³R⁴ and -OCR⁵R⁶R⁷,

R², R³, R⁵ and R⁶ are independently selected from the group consisting of hydrogen, unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms;

R⁴ and R⁷ are independently selected from the group

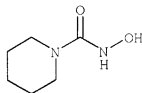
consisting of unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms;

R^3 and R^4 may represent the necessary atoms to form a 5- to 8-membered ring, and

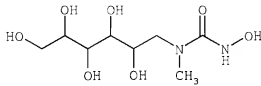
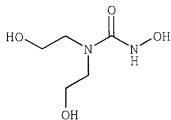
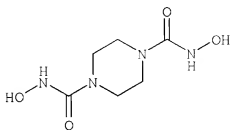
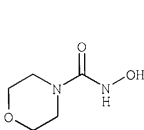
R^5 and R^7 may represent the necessary atoms to form a 5- to 8-membered ring.

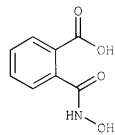
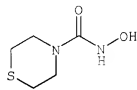
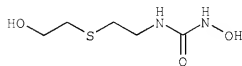
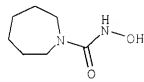
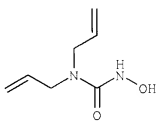
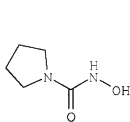
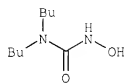
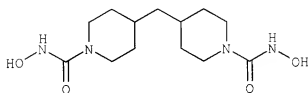
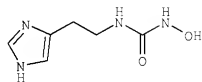
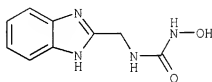
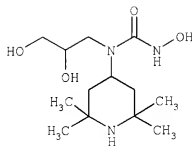
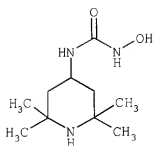
- 2.(original) An ink-jet recording material according to claim 1 wherein said recording material further comprises a filler in said at least one ink-receiving layer.
- 3.(original) An ink-jet recording material according to claim 2 wherein said filler is an inorganic filler.
- 4.(original) An ink-jet recording material according to claim 3 wherein said inorganic filler is selected from the group consisting of silica, alumina, alumina hydrate, and aluminum trihydroxide.

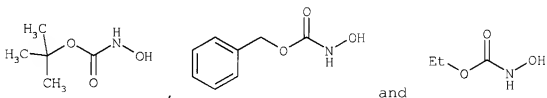
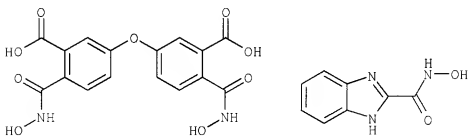
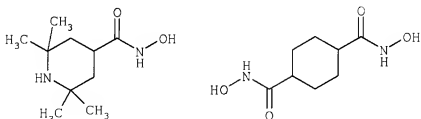
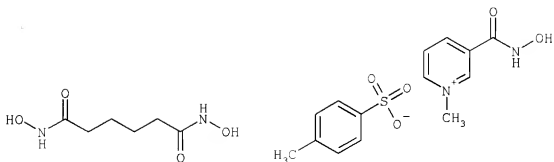
5. (previously presented) An ink-jet recording material according to claim 1 wherein the at least one ink-receiving layer comprises a hydrophilic binder.
6. (original) An ink-jet recording material according to claim 5 wherein said hydrophilic binder is a polyvinyl alcohol.
7. (previously presented) An ink-jet recording material comprising a support and at least one ink-receiving layer comprising at least one non-polymeric compound selected



from the group consisting of





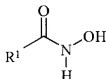


8. (cancelled)

9. (cancelled)

10. (withdrawn-previously presented) An ink-jet image comprising at least one ink-jet ink on an ink-jet recording

material, wherein said ink-jet image contains a non-polymeric compound according to formula (I) :



formula (I)

wherein,

R¹ is selected from the group consisting of -CR²R³R⁴, -OCR⁵R⁶R⁷ and -NR⁸R⁹,

R², R³, R⁵ and R⁶ are independently selected from the group consisting of hydrogen, unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring;

R⁸ is selected from the group consisting of hydrogen, unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with

heteroatoms, a substituted or unsubstituted aromatic ring and unsubstituted saturated or unsaturated alicyclic groups;

R^4 and R^7 are independently selected from the group consisting of unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring;

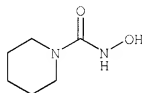
R^9 is selected from the group consisting of unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic ring and unsubstituted saturated or unsaturated alicyclic groups;

R^3 and R^4 may represent the necessary atoms to form a 5- to 8-membered ring,

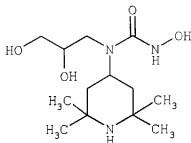
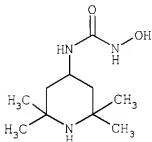
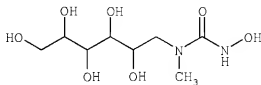
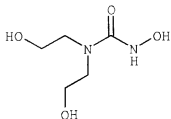
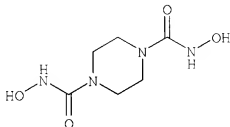
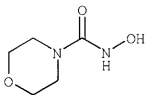
R^5 and R^7 may represent the necessary atoms to form a 5- to 8-membered ring, and

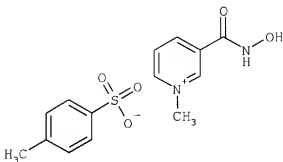
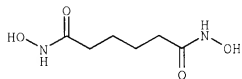
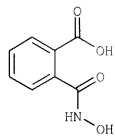
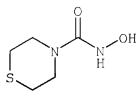
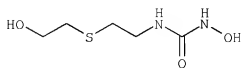
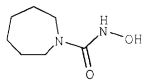
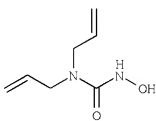
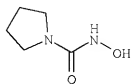
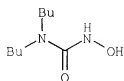
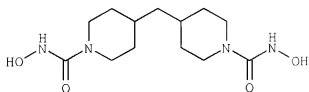
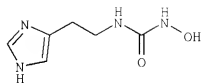
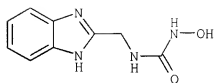
R⁸ and R⁹ may represent the necessary atoms to form a 5- to 8-membered ring.

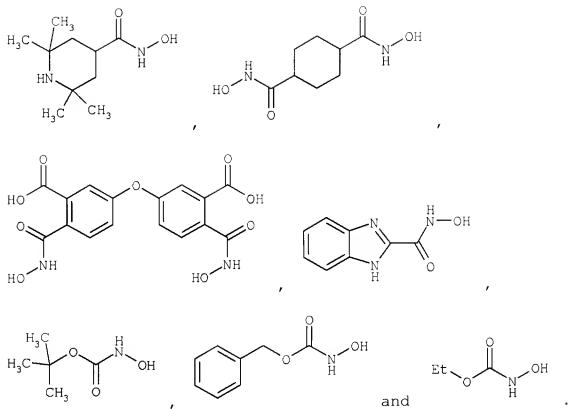
11. (withdrawn) Ink-jet image according to claim 10, wherein said non-polymeric compound according to formula (I) is selected



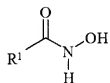
from the group consisting of







12. (withdrawn) A process for the use of a non-polymeric compound according to formula (I) :



formula (I)

wherein,

R^1 is selected from the group consisting of $-CR^2R^3R^4$, $-OCR^5R^6R^7$ and $-NR^8R^9$,

R^2 , R^3 , R^5 , R^6 and R^8 are independently selected from the

group consisting of hydrogen, unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring;

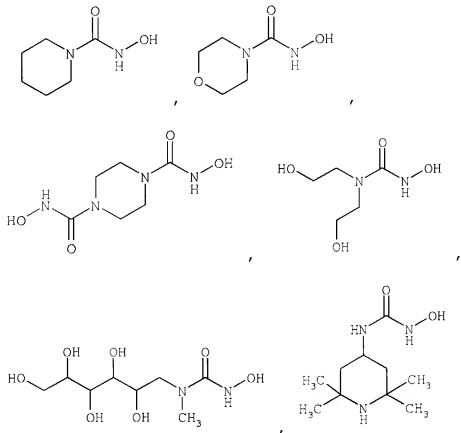
R^4 , R^7 and R^9 are independently selected from the group consisting of unsubstituted saturated or unsaturated aliphatic groups, saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring, unsubstituted saturated or unsaturated alicyclic groups and saturated or unsaturated alicyclic groups substituted with heteroatoms, a substituted or unsubstituted aromatic or heteroaromatic ring;

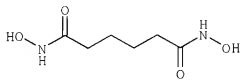
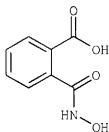
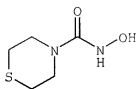
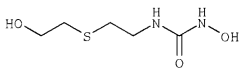
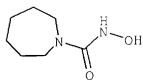
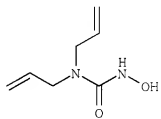
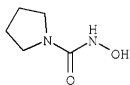
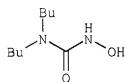
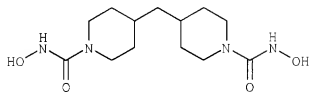
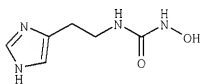
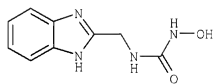
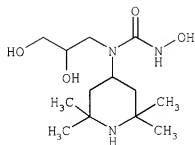
R^3 and R^4 may represent the necessary atoms to form a 5- to 8-membered ring,

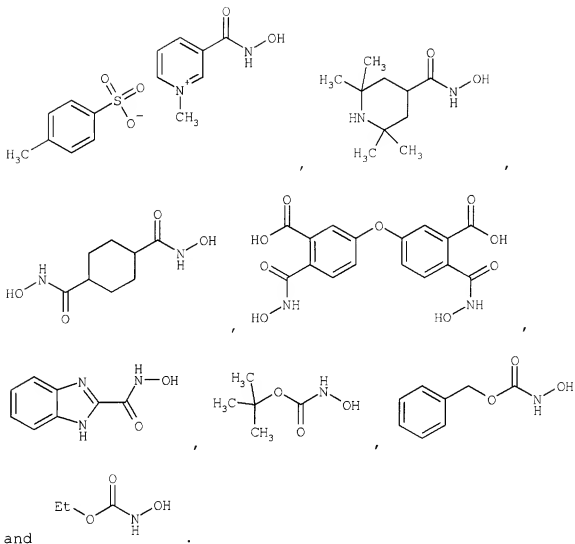
R^5 and R^7 may represent the necessary atoms to form a 5- to 8-membered ring, and

R⁸ and R⁹ may represent the necessary atoms to form a 5- to 8-membered ring; comprising the step of including said non-polymeric compound in an ink-jet ink, an ink-jet recording material or a liquid for coating on an ink-jet image.

13. (withdrawn) Process according to claim 12, wherein said non-polymeric compound according to formula (I) is selected from the group consisting of







14. (cancelled)

15-26. (cancelled)

27. (previously presented) An ink-jet recording material
 according to claim 7 wherein said recording material

further comprises a filler in said at least one ink-receiving layer.

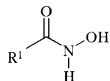
28. (previously presented) An ink-jet recording material according to claim 27 wherein said filler is an inorganic filler.

29. (previously presented) An ink-jet recording material according to claim 28 wherein said inorganic filler is selected from the group consisting of silica, alumina, alumina hydrate, and aluminum trihydroxide.

30. (previously presented) An ink-jet recording material according to claim 7 wherein the binder of the at least one ink-receiving layer is a hydrophilic binder.

31. (previously presented) An ink-jet recording material according to claim 30 wherein said hydrophilic binder is a polyvinyl alcohol.

32. (new) An ink-jet recording material comprising a support and at least one ink-receiving layer containing at least one non-polymeric compound according to formula (I):



formula (I)

wherein,

R^1 is NR^8R^9 ,

R^8 is selected from the group consisting of hydrogen, unsubstituted saturated or unsaturated aliphatic groups, a substituted or unsubstituted aromatic ring, and an unsubstituted saturated or unsaturated alicyclic groups;

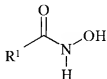
R^9 is selected from the group consisting of unsubstituted saturated or unsaturated aliphatic groups, a substituted or unsubstituted aromatic ring and an unsubstituted saturated or unsaturated alicyclic groups; and

R^8 and R^9 may represent the necessary atoms to form a 5- to 8-membered ring.

33. (new) An ink-jet recording material according to claim 32 wherein said recording material further comprises a filler in said at least one ink-receiving layer.

34. (new) An ink-jet recording material according to claim 33 wherein said filler is an inorganic filler.

- 35.new) An ink-jet recording material according to claim 33 wherein said inorganic filler is selected from the group consisting of silica, alumina, alumina hydrate, and aluminum trihydroxide.
- 36.(new) An ink-jet recording material according to claim 32 wherein the binder of the at least one ink-receiving layer is a hydrophilic binder.
- 37.(new) An ink-jet recording material according to claim 36 wherein said hydrophilic binder is a polyvinyl alcohol.
- 38.(new) An ink-jet recording material comprising a support and at least one ink-receiving layer containing at least one non-polymeric compound according to formula (I):



formula (I)

wherein,

R¹ is -NR⁸R⁹,

R⁸ is independently selected from the group consisting of unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted heteroaromatic ring, and

saturated or unsaturated alicyclic groups substituted with heteroatoms; and

R⁹ is independently selected from the group consisting of saturated or unsaturated aliphatic groups substituted with heteroatoms, a substituted or unsubstituted heteroaromatic ring, saturated or unsaturated alicyclic groups substituted with heteroatoms, a substituted or unsubstituted heteroaromatic ring.

39. (new) An ink-jet recording material according to claim 38 wherein said recording material further comprises a filler in said at least one ink-receiving layer.
40. (new) An ink-jet recording material according to claim 39 wherein said filler is an inorganic filler.
41. (new) An ink-jet recording material according to claim 40 wherein said inorganic filler is selected from the group consisting of silica, alumina, alumina hydrate, and aluminum trihydroxide.
42. (new) An ink-jet recording material according to claim 38 wherein the binder of the at least one ink-receiving layer is a hydrophilic binder.

43. (new) An ink-jet recording material according to claim 42
wherein said hydrophilic binder is a polyvinyl alcohol.